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at least one opening being configured to have a self-acting closure located through the cover and permitting manual access into the enclosure.

- (Previously Amended) The barrier of Claim 1, wherein the self-acting closure comprises a manually penetrable diaphragm configured to open as an object or human hand is urged therethrough.
- (As Filed) The barrier of Claim 2, wherein the diaphragm comprises a resiliently flexible material extending across the opening and having slits therein.
- (As Filed) The barrier of Claim 3, wherein the slits extend radially outward having a common junction point located substantially centrally of the flexible opening.
- 5. (Previously Amended) The barrier of claim 1, further comprising a sheet of flexible material positioned proximate to the at least one opening and overlaps the opening to form a seal.
- (Previously Amended) The barrier of Claim 1, wherein the cover comprises a 6. substantially rectangular sheet, the sheet being pivotally coupled by a flexible seam at each of its edges to flap portions, the flap portions being configured to overhang a support framework to create a substantially thermal neutral environment within said enclosure.
- 7. (Previously Amended) The barrier of Claim 1, wherein the cover defines a tetrahedral enclosure.
- (Previously Amended) The barrier of Claim 1, wherein the cover defines a half section of a 8. truncated right circular cylinder enclosure.
 - (As Filed) The barrier of Claim 1, wherein the cover comprises an optically transparent material. 9.

10. (Twice Amended) \(\) thermal and moisture barner for use with air infantradiant warmer including a bedding assembly and a plurality of optically transparent side panels surrounding and extending in a direction up from a mattress upon which an infant can be placed, the barrier comprising:

a substantially flexible cover defining an enclosure when disposed over the mattress to accommodate the infant, said cover having a flat portion which is capable of overhanging [overhangs] the side panels to create [and creates] a substantially enclosed environment; and

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at least one opening located through the dover and permitting manual access into the enclosure.

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- 11. (Previously Amended) The barrier of Claim 10, having a diaphragm providing manually penetrable closure of the at least one opening.
- (Previously Amended) The barrier of Claim 11, wherein the diaphragm comprises a resiliently flexible sheet extending across the opening and having slits extending radially outward having common junction point located substantially centrally of the flexible opening.
- 13. (Previously Amended) The barrier of Claim 11, wherein the diaphragm comprises a superposed sheet of flexible material for covering the diaphragm when not in use.
- 14. (Previously Amended) The barrier of Claim 10, wherein the cover defines a substantially rectangular sheet having a flexible seam at each of its edges coupled to said flap portions.
- 15. (Previously Amended) The barrier of Claim 10, wherein the cover defines a section of a portion of a right circular cylinder enclosure.
- 16. (Previously Amended) The barrier of Claim 10, wherein the cover defines a tetrahedral enclosure.

17. (Twice Amended) A thermal and moisture barrier for use with an incubator including an incubation chamber and optically transparent side walls having armholes therein surrounding a mattress upon which an infant can be placed, the barrier comprising:

a substantially flexible cover defining an enclosure when disposed over the mattress to accommodate the infant, [wherein the] salid cover includes [comprises] an edge portion, the entire edge portion contacting said mattress to create [that creates] a seal with the mattress and provide [providing] a substantially neutral thermal and humidified environment therein; and

a plurality of openings disposed on a portion of the cover and communicating with the enclosure, wherein each opening includes a closing assembly, said closing assembly including a resiliently flexible sheet extending across the opening and having slits extending radially outward having a common junction point located substantially centrally of the flexible opening which provide self-acting closure to preserve the neutral thermal and humidified environment.

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